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Invoice No.

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INVOICE

Customer

Name RurAL CAP ATTN: AJ Salkoski Env. Program Coord.
Address 731 East 8th Avenue PO Box 200908
City Anchorage State AK ZIP 99520
Phone (907) 865-7353

Misc

Date 8/27/2009
City of Tanana
Landfill Insp.
& Upgrades

Qty	Description	Unit Price	TOTAL
	ADEC SOLID WASTE LANDFILL PERMIT NO. SW3A063-12 LANDFILL INSPECTIONS JUNE 12 AND AUGUST 24, 2009 RURALCAP FUNDING UPGRADES SOW AND PROGRESS		
26	Professional Labor: Landfill Inspection June 12, 2009 and August 27, 2009 Inspection includes inspections' report follow-up	\$ 50.00	\$ 1,300.00
17.5	Professional Labor: Rural CAP Funding request letter ; (8/7/09) and Landfill Upgrades Progress letter (8/27/09) includes phone calls, emails, meeting w/ Bear, letters	\$ 50.00	\$ 875.00
1	Copy/reproduction, phone calls, postage	\$ 25.00	\$ 25.00
		Subtotal	\$ 2,200.00

Payment Check

Please make check payable to:
Independent Consultant Associated
Please mail to the above address.
Thank you.

TOTAL \$ 2,200.00

Office Use Only

STANDARDS	possible points	SCORE	COMMENTS
1. PERMIT:			18 AAC 60.200
Current permit or approved plan	10	10	
Expired or no permit/plan approved	0		
2. LIMITED ACCESS:			60.220
Well controlled, fences and gates	5	5	
Access limited, not fully controlled	3		
Inadequate effort to control access	1		
No effort to control access	0		
3. ACCESS ROADS:			60.220
All weather, good shape	5	5	
Moderate conditions, alternatives	3		
Good weather only, no alternatives	1		
Roads non-existent, not maintained	0		
4. SCAVENGING:			60.220
Site access limited, not allowed	2	2	
Access not limited, not allowed	1		
Scavenging not controlled	0		
5. BURNING WASTES:			60.355
Burn boxes or cages used, attendant present; or no burning allowed	5	1	
Controlled burning in designated area, attendant present	3		
Burning controlled, no attendant	1		
Burning uncontrolled, no attendant	0		
6. DEPTH TO HIGH GROUNDWATER:			60.217
Base of landfill area more than 2 ft above natural ground surface or more than 10 ft from highest groundwater	10	10	
Less than 10 ft	0		
7. PLACEMENT IN SURFACE WATER:			60.225
No contact with water	15	10	
Intermittent contact (storms/breakup)	10		
Frequent contact	3		
Wastes placed in surface water	0		
9. ANIMAL/VECTOR CONTROL:			60.230
Fencing with locked gate, waste covered or incinerated, no odors	5	3	
Fencing inadequate, waste covered, animals rarely attracted, or incineration incomplete	3		
Fencing inadequate, wastes uncovered, animal problems	1		
	0		

<i>STANDARDS</i>	<i>possible points</i>	<i>SCORE</i>	<i>COMMENTS</i>
10. PROCEDURES TO EXCLUDE HAZARDOUS WASTES: Sign in place at entrance, lists types of wastes and PCBs prohibited No sign present, no visible regulated waste present at site Regulated hazardous waste present	5 3 0	5	60.240
11. POLLUTED SOILS: Soils not accepted unless they meet a clean up level allowed by regulation Polluted soils accepted that do not meet clean up levels	5 0	-NA-	60.025
12. SETBACK DISTANCES: Minimum 50-ft setback between property boundary and waste unless permitted Setback distance not maintained, waste at edge of property.	5 0	0	60.233
13. WELLHEAD PROTECTION DISTANCE: Minimum 500-ft setback from drinking water well Less than 500-ft setback	15 0	-NA-	60.040
14. MEDICAL WASTES: Shipped to approved facility or sterilized, decontaminated or incinerated before disposal Infectious wastes present, uncontrolled	5 0	-NA-	60.030
15. DISPOSAL OF VEHICLES OR EQUIPMENT: Drained of all fluids and batteries removed, doesn't attract disease vectors, not a visual nuisance Batteries, fluids, or petroleum products remain in vehicle at time of disposal, does attract disease vectors, is a nuisance	5 0	5	60.035
16. LITTER: Litter controlled, site cleaned up regularly Blowing litter contained by fencing, but messy No fences or containment, but some effort at clean up No effort at litter control	5 3 1 0	3	60.345

<i>STANDARDS</i>	<i>possible points</i>	<i>SCORE</i>	<i>COMMENTS</i>
17. COMPACTING REFUSE: When refuse in <2-ft increments Somewhat or partially compacted (when greater than 2-ft layers) No compaction	5 3 0	3	64.010 NOT ON REGULAR BASIS
18. SIZE OF WORKING FACE: Size meets requirements of permit or approved plan or as small as practicable Size exceeds permit or plan, but waste still in one designated area More than one trench or designated area open Dumping uncontrolled	5 3 1 0	3	60.345
19. OPERATIONAL COVER: Minimum 6" depth, frequency adequate Minimum 6" depth, frequency inadequate Inadequate frequency and depth No cover applied	5 3 1 0	3	60.345
20. NUISANCE CONTROL (ODORS, DUST, NOISE, ETC.): Not necessary or applied as needed Occasionally applied, not effective Needed but not applied	5 3 0	5	60.233
21. INTERMEDIATE COVER (FORMERLY USED AREAS): Minimum of 12 inches, properly graded improperly graded Inadequate or no cover	5 3 0	-NA-	60.243
22. FINAL COVER (CLOSED AREAS): Compacted, minimum 2-ft depth Uncompacted or inadequate depth No final cover	5 3 0	-NA-	60.390
23. FINAL SURFACE GRADING (CLOSED AREAS): Proper grading without visible erosion or ponding of surface water Ponding or erosion present, grading inadequate, Not graded or serious ponding or erosion	5 3 0	-NA-	60.390

<i>STANDARDS</i>	<i>possible points</i>	<i>SCORE</i>	<i>COMMENTS</i>
24. SITE CLOSURE: Site revegetated, permanent markers established, ADEC notified 5 Site not revegetated, no markers, or ADEC not notified 0		-NA-	60.390
25. LANDS RECORD OFFICE CLOSURE NOTICE FILED: Yes 5 No 0		-NA-	60.396
26. SEWAGE SLUDGE DISPOSAL (IF APPLICABLE): ----- Single separate cell or trench, smaller than 4 ft wide and 12 ft deep 5 <u>AND</u> Separate cell(s) lined and immediately covered (6 inches of soil) 5 <u>AND</u> Separated from groundwater by 6 or more feet 5 (5 to 15 total points) ----- Separate cell or cells, lime, no cover 3 Separate cell or cells, not disinfected, no cover 2 Not in separate cells, access uncontrolled 0		-NA-	60.365
28. ASBESTOS DISPOSAL (IF APPLICABLE) Done as required in permit conditions, records kept, waste adequately covered 10 Asbestos inadequately covered and/or records not kept 5 Asbestos disposed without a permit 0		-NA-	60.450

29. IN CASE OF DUMP FIRES, IS THERE A FIRE-FIGHTING PROCEDURE AND EQUIPMENT? Excellent effort, equipment on-hand 3 Moderate effort 2 Minimal protection 1 Open burning on working face 0	2	
30. RECYCLING EFFORTS Active community program in place 2 Limited effort or not maintained 1 No effort at recycling 0	1	

29. RECORD KEEPING REQUIREMENTS		SCORE	COMMENTS
Permit application	3	3	60.235
Copy of permit or solid waste management plan	3	3	60.235
Operating plans for the site	3	3	60.235
Closure plan	3	3	60.210
Site visual inspection records or other monitoring data (e.g. water quality, gas monitoring)	3	3	60.235
Staff training records (e.g. landfill operations, safety)	3	0	60.235
Records showing how facility meets the Class III requirements	3	3	60.300
Airport distance, floodplain, and other location restriction documentation	3	3	60.380
As-built drawings of the landfill design and use	3	3	60.235
Site closure records and notices, if applicable	3	NA	60.390,396

Any individual records not present will be awarded a zero score.

The facility owner must keep records of each item listed above in an easily accessible area, such as the city or tribal office.

TOTAL POINTS POSSIBLE	TOTAL SCORE	COMPLIANCE RATING
127	100	79 %

This year the facility rated a 79 % compliance with the sanitation and safety standards for Class III landfills in Alaska (100 out of 127 possible points).

Ratings below 80% are generally regarded as unsatisfactory. (Had the record keeping requirements been met, the facility would rate ____ % compliance with standards for safe and sanitary solid waste management.)

ATTACHMENT 1

AUGUST 24, 2009 SITE INSPECTION REPORT WITH SITE SKETCH AND PHOTOS

CLASS III ANNUAL LANDFILL FIELD INSPECTION
FORMDate of
inspection 8/24/09NAME OF LANDFILL
PERMIT NUMBER:CITY OF TANANA
SW3A063-12file no. 780.15.001
facility ID _____LOCATION,
LANDOWNERCITY OF TANANA

LATITUDE/LONGITUDE

65.1833 / 152.1568

WEATHER/WIND CONDITIONS DURING INSPECTION, PRIOR WEEK

PARTLY CLOUDY ~60 5-10 MPH INTERMITTENT DRIZZLE.

LANDFILL CONTACT PERSON

PAT MOORE

MAILING ADDRESS

P.O. BOX 77249

CITY/STATE/ZIP CODE

TANANA AK 99777

PHONE NUMBER:

(907) 366-7159 Fax number: (907) 366-7169

LEAD INSPECTOR

SWAN VOLTPhone
number907-388-8671

2ND INSPECTOR

Phone
number

AIRPORT DISTANCE

~ 2 MILES WESTGeneral Notes— operating conditions, types of waste observed, community solid waste issues, etc.

MOST OF DEBRIS HAS BEEN BURIED INSTEAD OF
RECYCLED BECAUSE TRIBAL COUNCIL COULD NOT GET
TO TANANA.

NEW LARGE CELL EXCAVATED FOR HOSPITAL
DEMOLITION DEBRIS.

Provide a sketch of the facility, showing roads, gates, buildings or workshops, open disposal cells, closed cells, recycle/salvage areas, and septage/sludge or asbestos disposal areas, if applicable. Also, direction(s) of nearest surface water, prevailing winds.

SEE ATTACHED



Photo 1: Looking south at the newly filled and graded section of the landfill. The area was cleared of debris, old cells were properly capped with soil and clean soil stockpiles spread. The large stockpile of soil in background is from excavated cell for upcoming hospital demolition project.



Photo 2: Looking north at filled in and graded section of the landfill. Posts shown on left center mark limits of cell recently filled and capped. Old refrigerators are shown to the left. They are waiting for Freon removal, then recycling.



Photo 3: Looking north along east side of landfill. The area was cleared of recyclables, i.e. metal and old cars, buried in a new cell and capped. Recycling the debris was not optional until the following year and the space was needed.



Photo 4: Looking west at the existing cell and burn boxes. Vandalism to the burn boxes has been an issue, with someone burning the tires to the units. The stockpile behind the cell is the newly excavated soil from the new hospital demolition cell. Burning debris is no longer an option as per ADEC. All debris must be buried.



Photo 5: Looking north at the active cell. Residents' not using the burn boxes remains an area that needs attention. The connexes holding recyclables used oil and batteries have been moved to the east side as shown.



Photo 6: Looking west along the newly excavated cell for the hospital demolition debris expected to be up to 2500 cubic yards. The cell is approximately 240 feet long by 60 feet wide (at the top) by approximately 16 feet deep. Trucks will dump debris at the top of a ramp (not shown) and the City will doze the debris in.